

U
O I P T
JUN 23 2003
PATENT & TRADEMARK OFFICE 9201

1/13

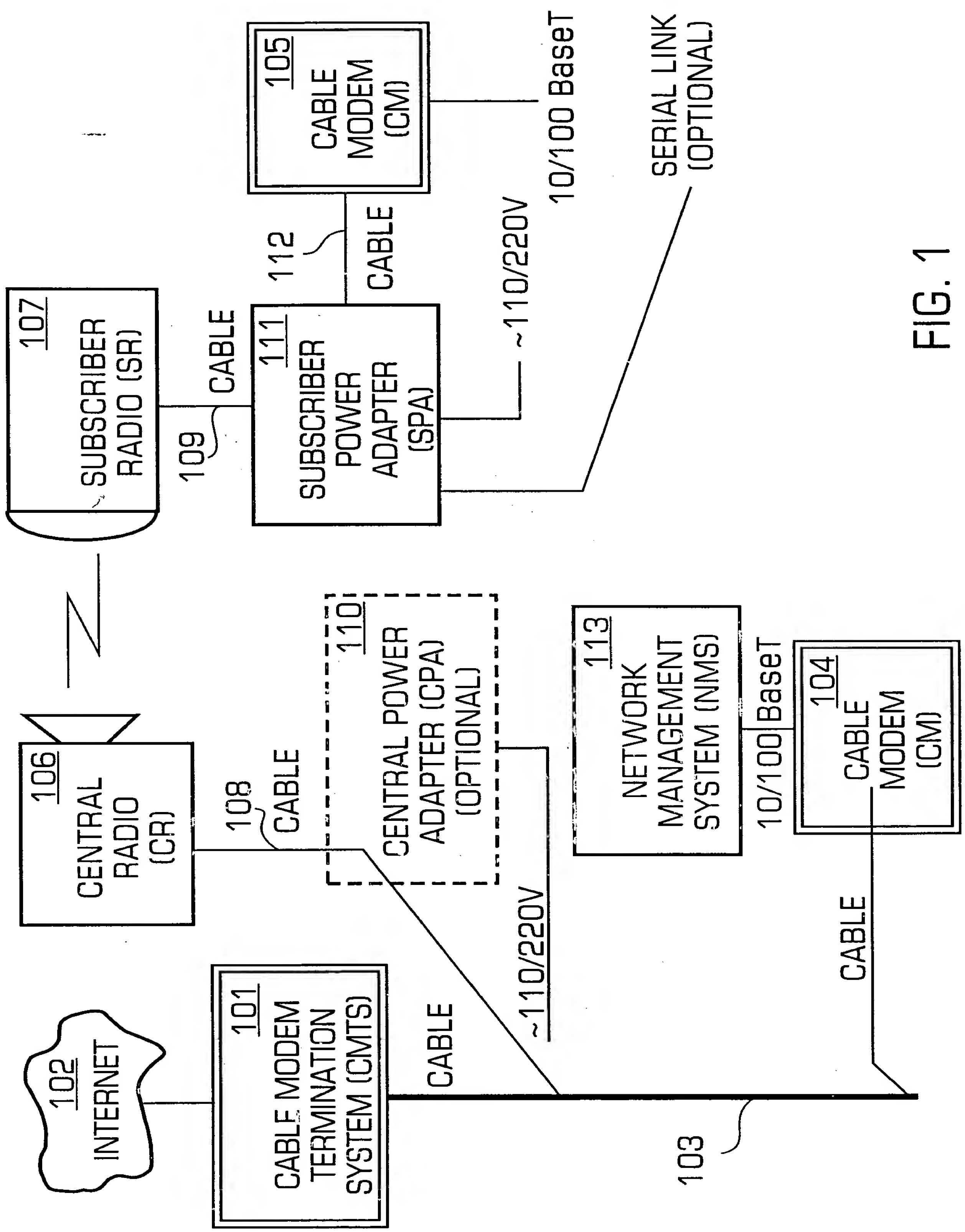


FIG. 1

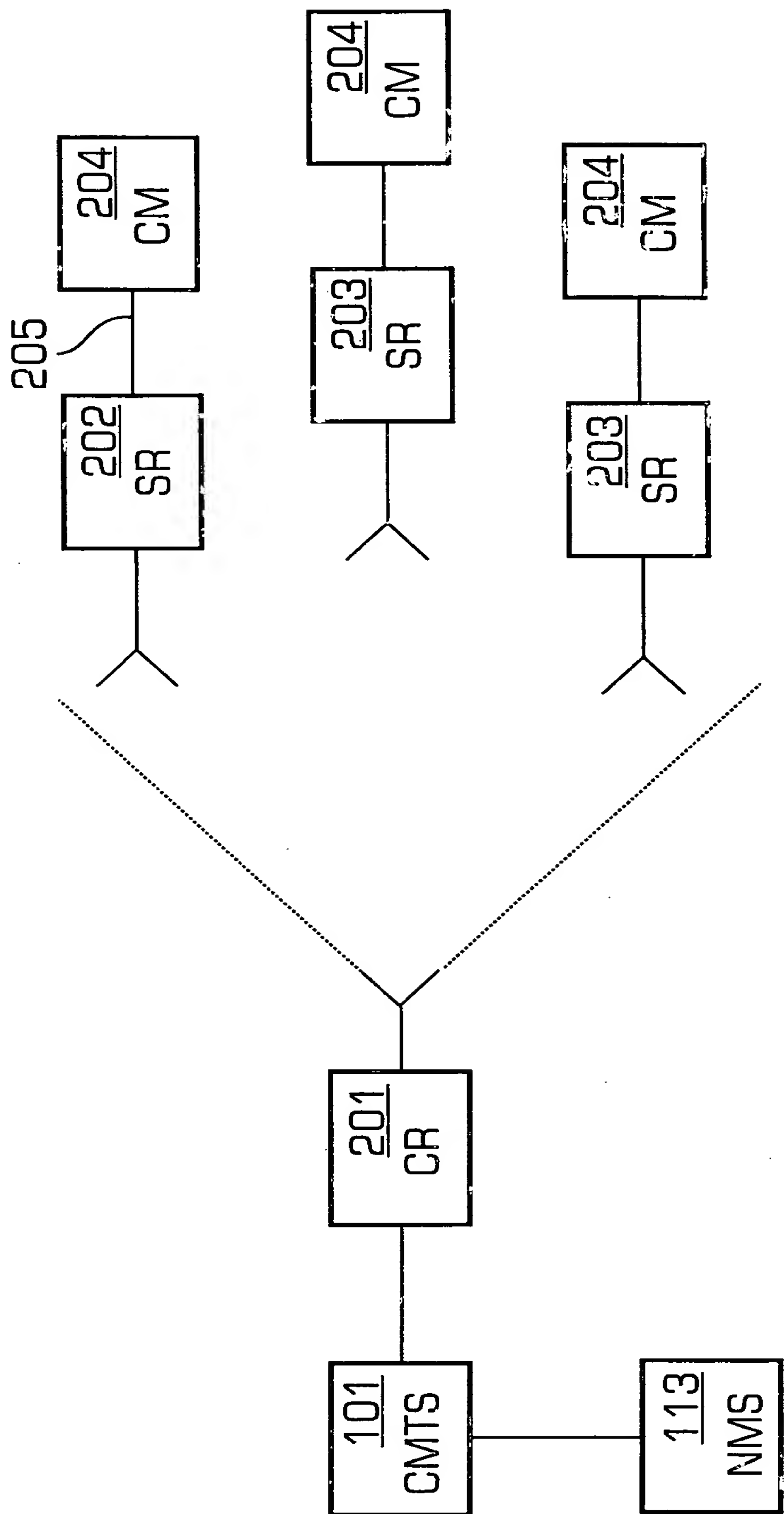


FIG. 2

FIG. 2 is a block diagram of a network architecture. The network architecture includes a CMTS (101) connected to an NMS (113). The CMTS (101) is connected to a CR (201). The CR (201) is connected to three separate branches. The left branch includes an SR (202) connected to a CM (204). The middle branch includes an SR (203) connected to a CM (204). The right branch includes an SR (203) connected to a CM (204). A bracket (205) groups the SR (202) and CM (204) blocks of the left branch.

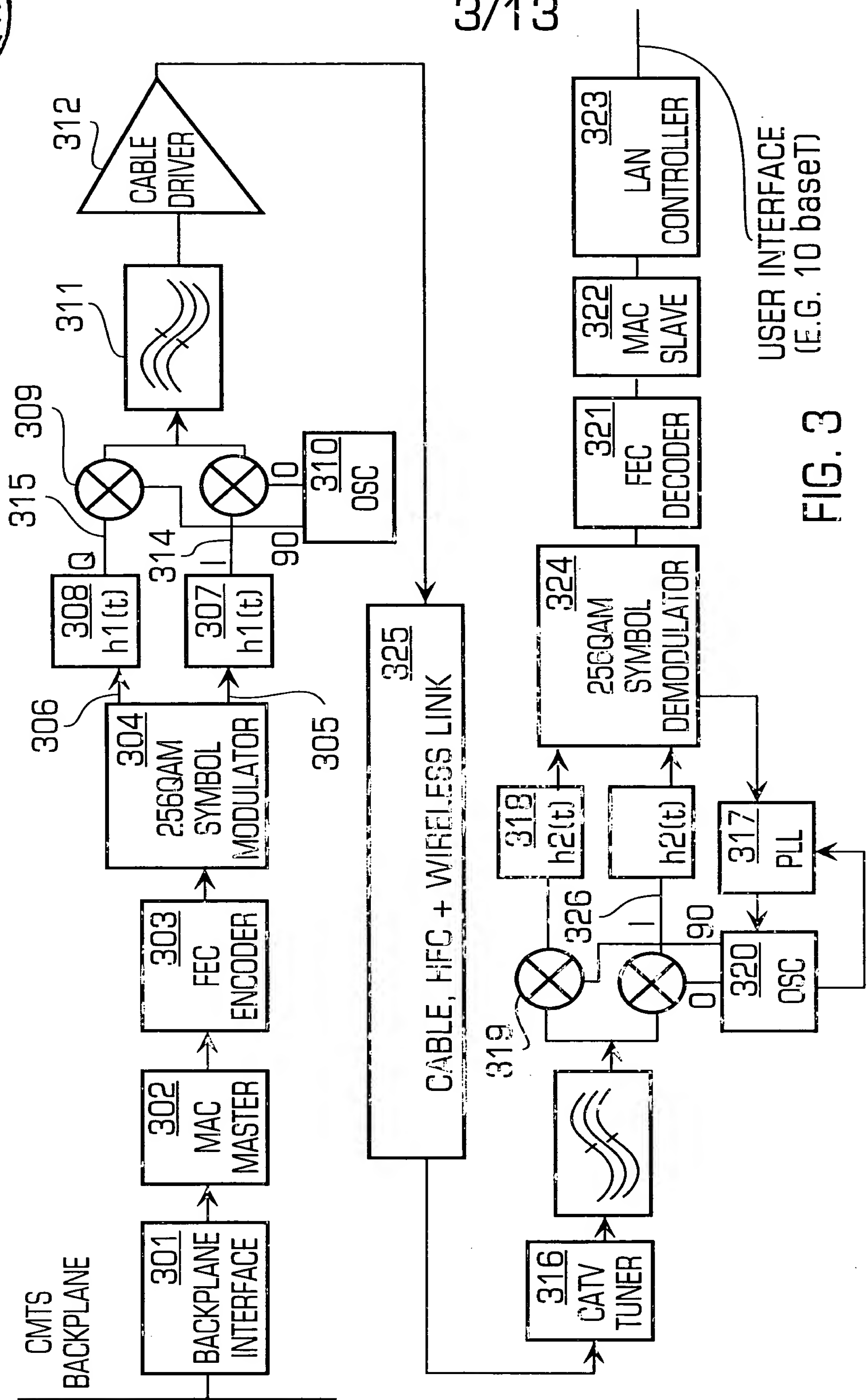
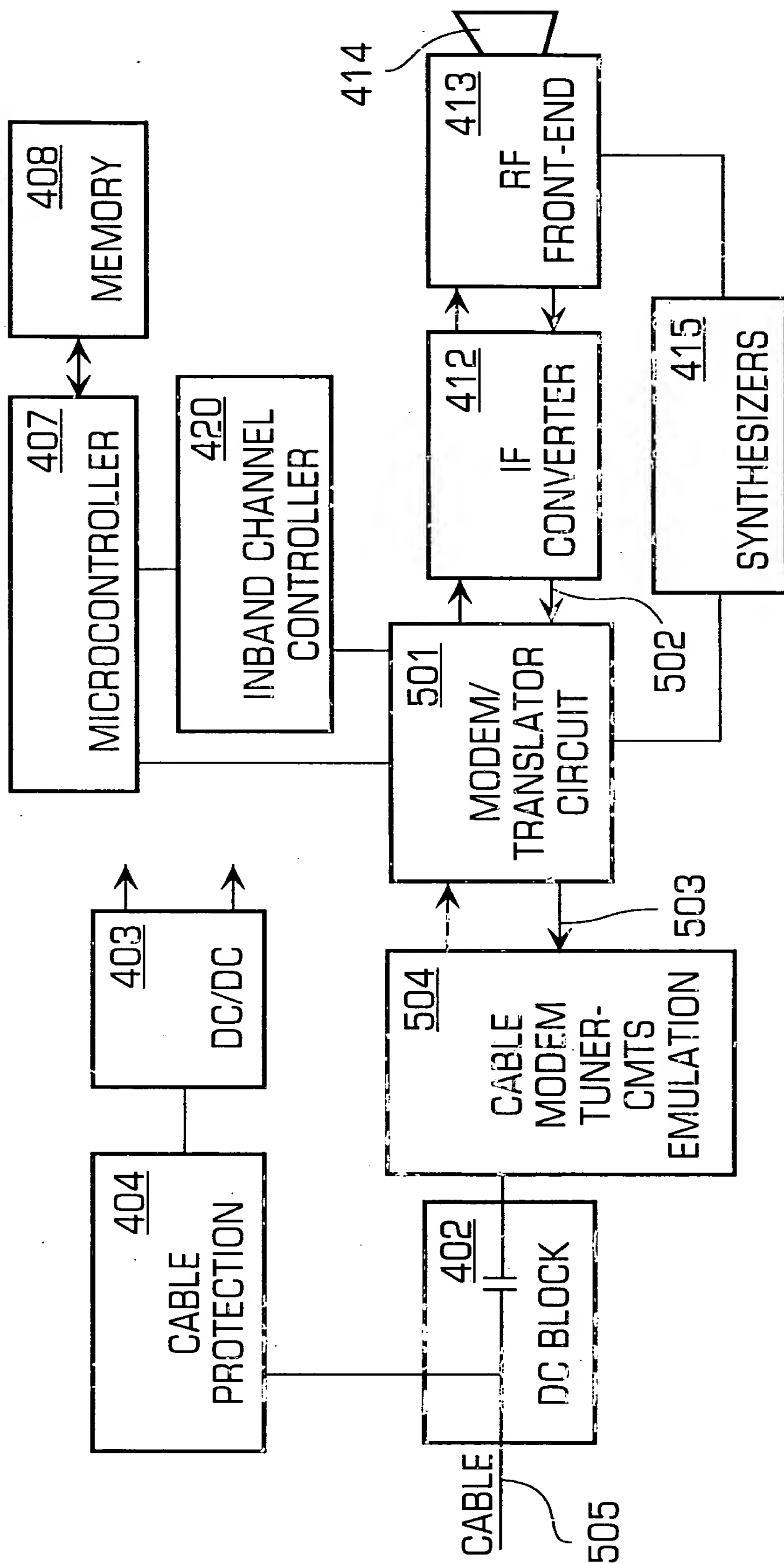


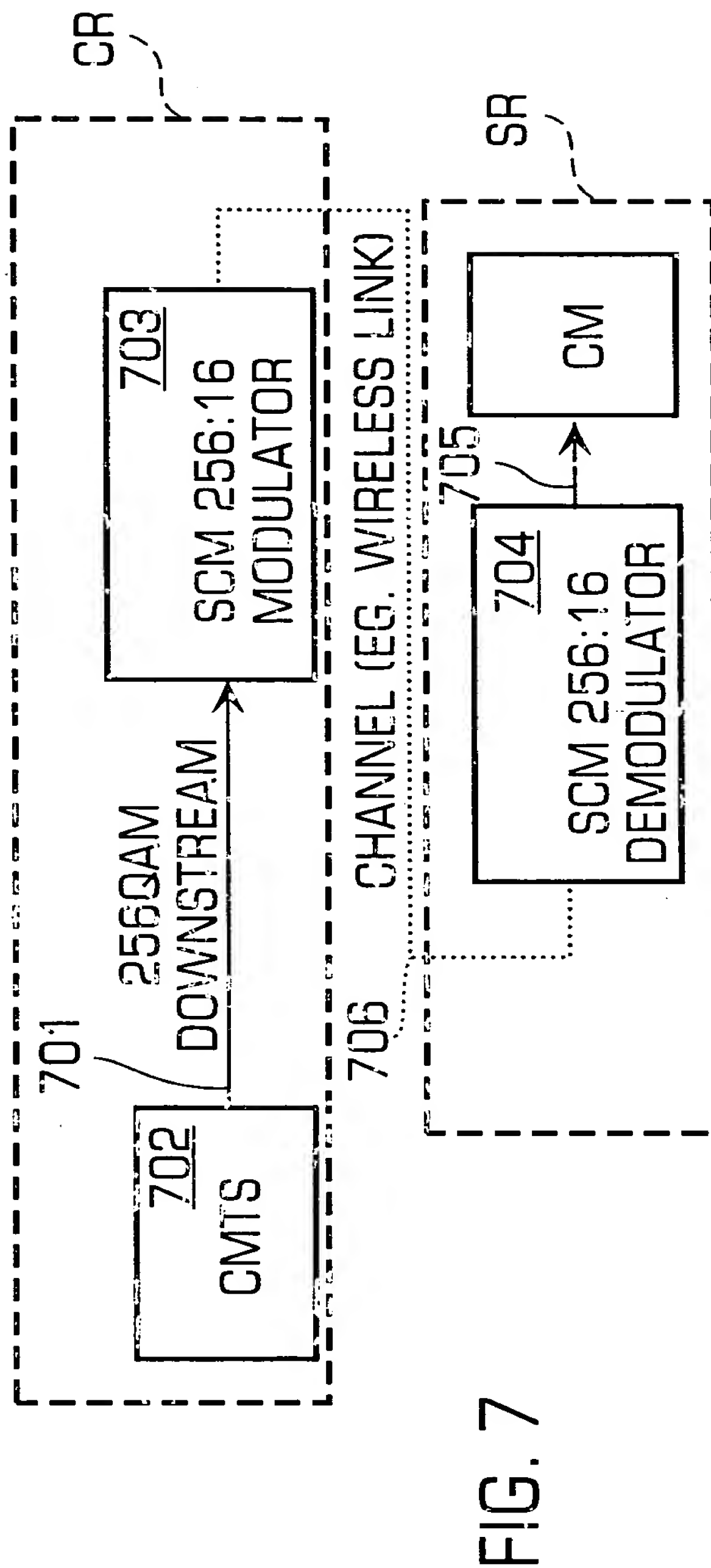
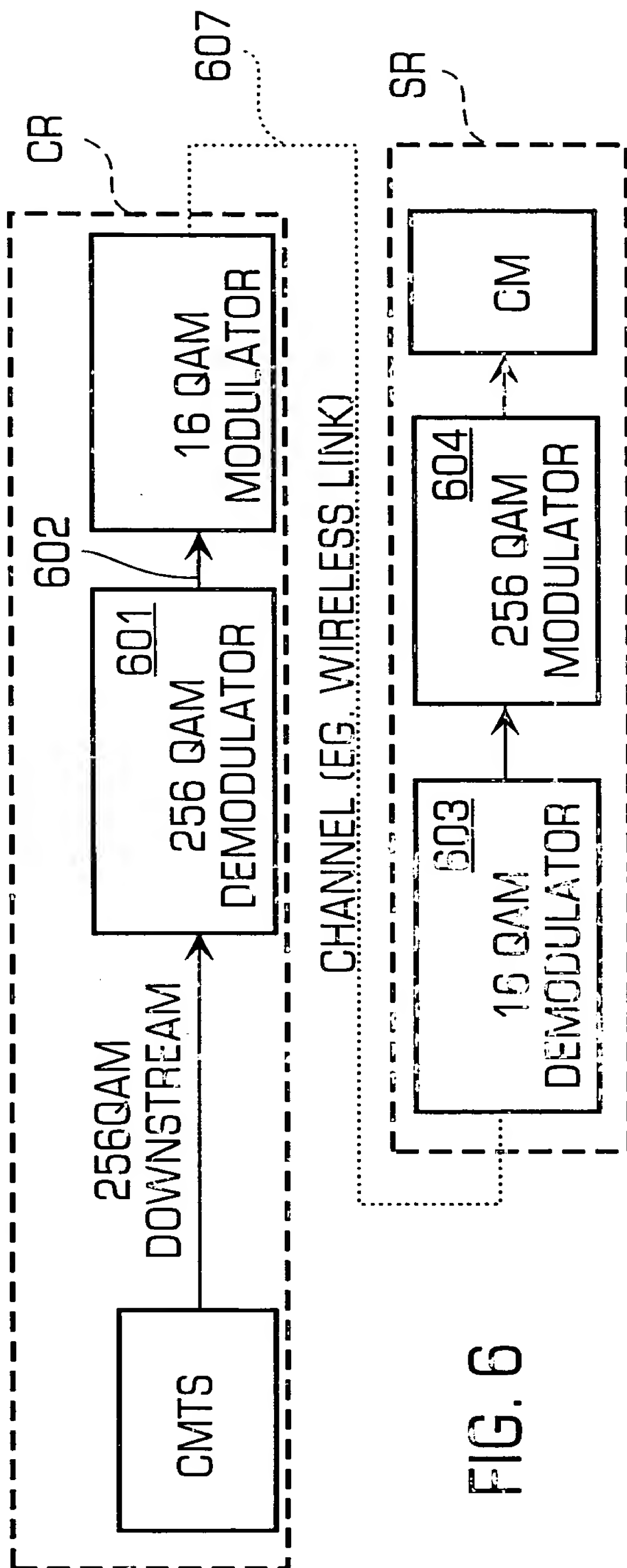
FIG. 3



107, 202, 203



56



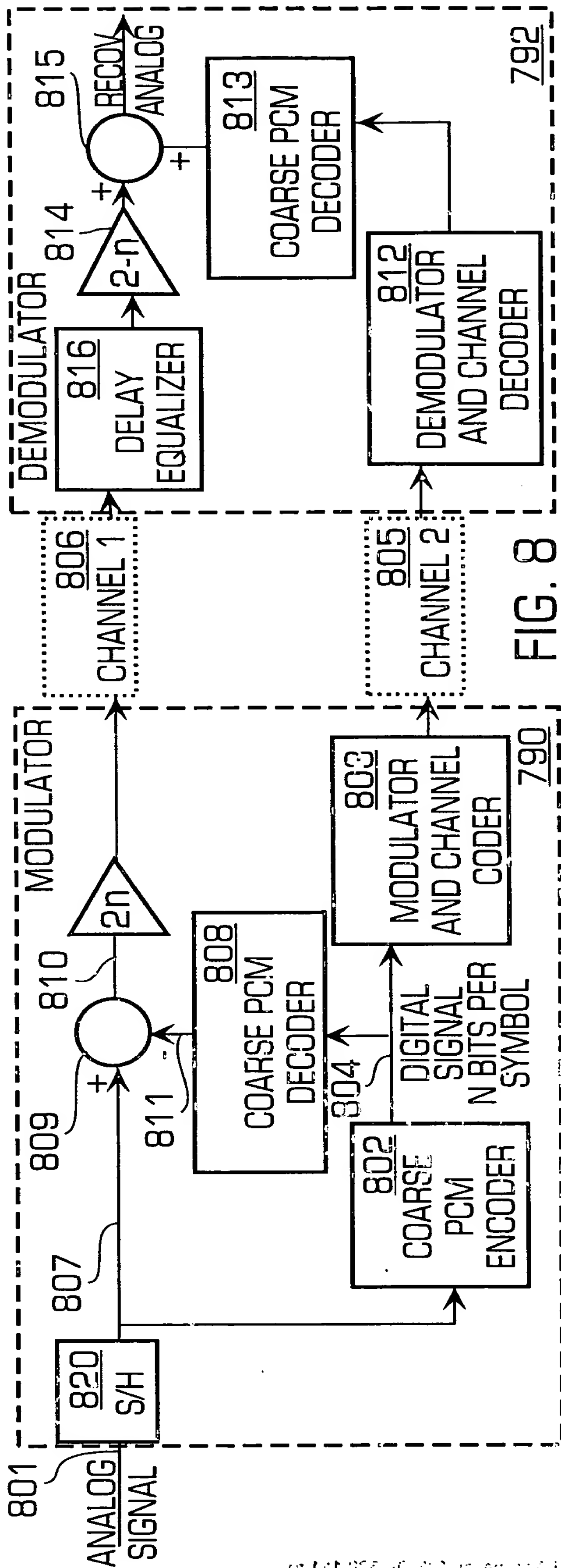


FIG. 8

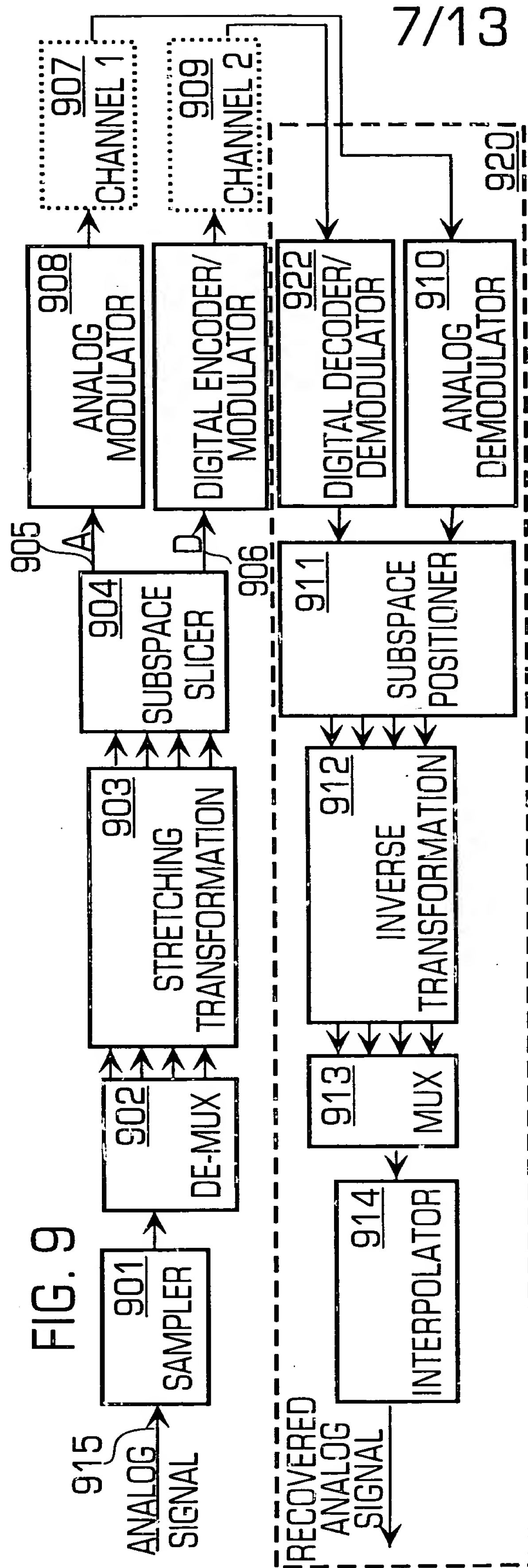
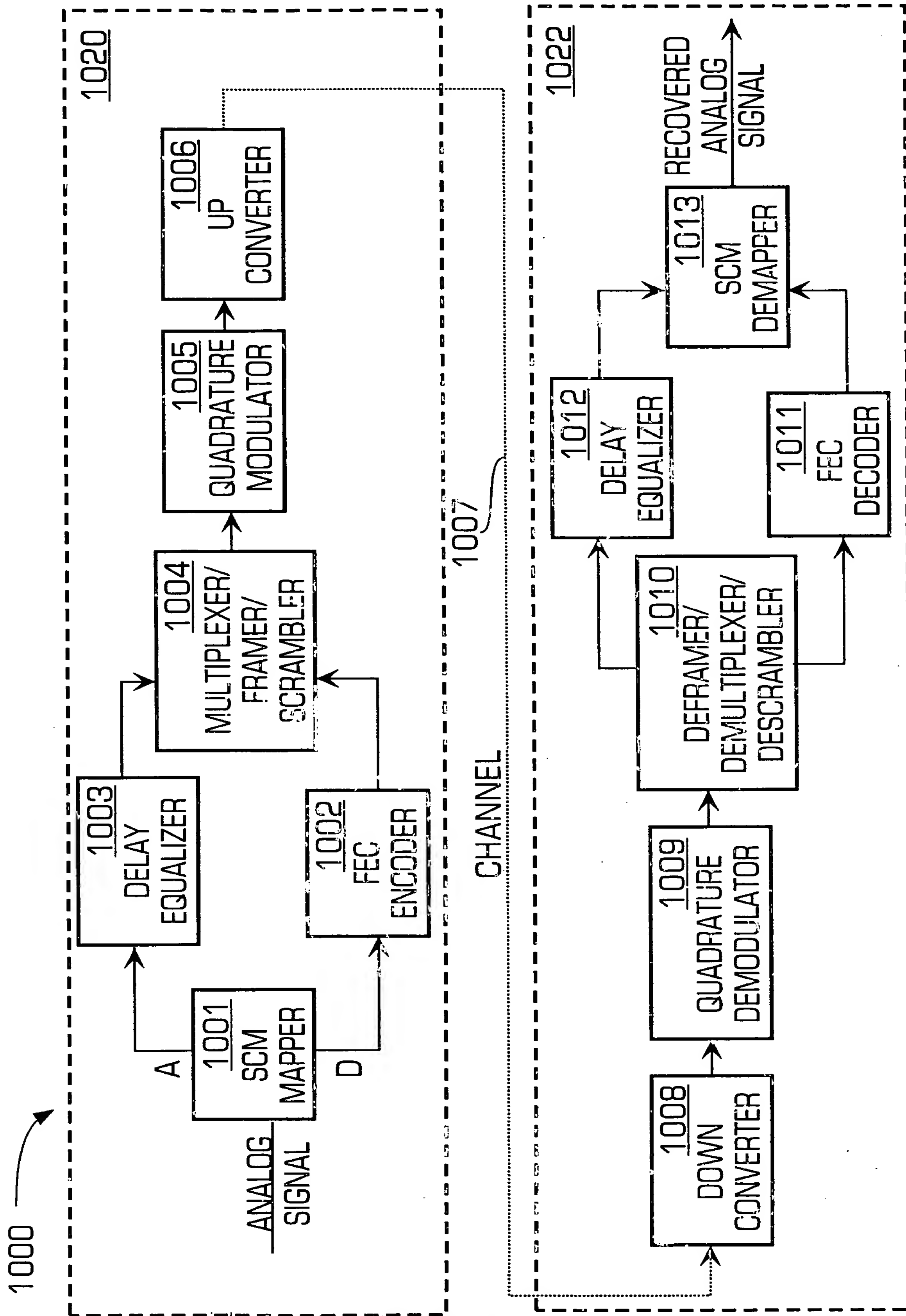


FIG. 9



8/13



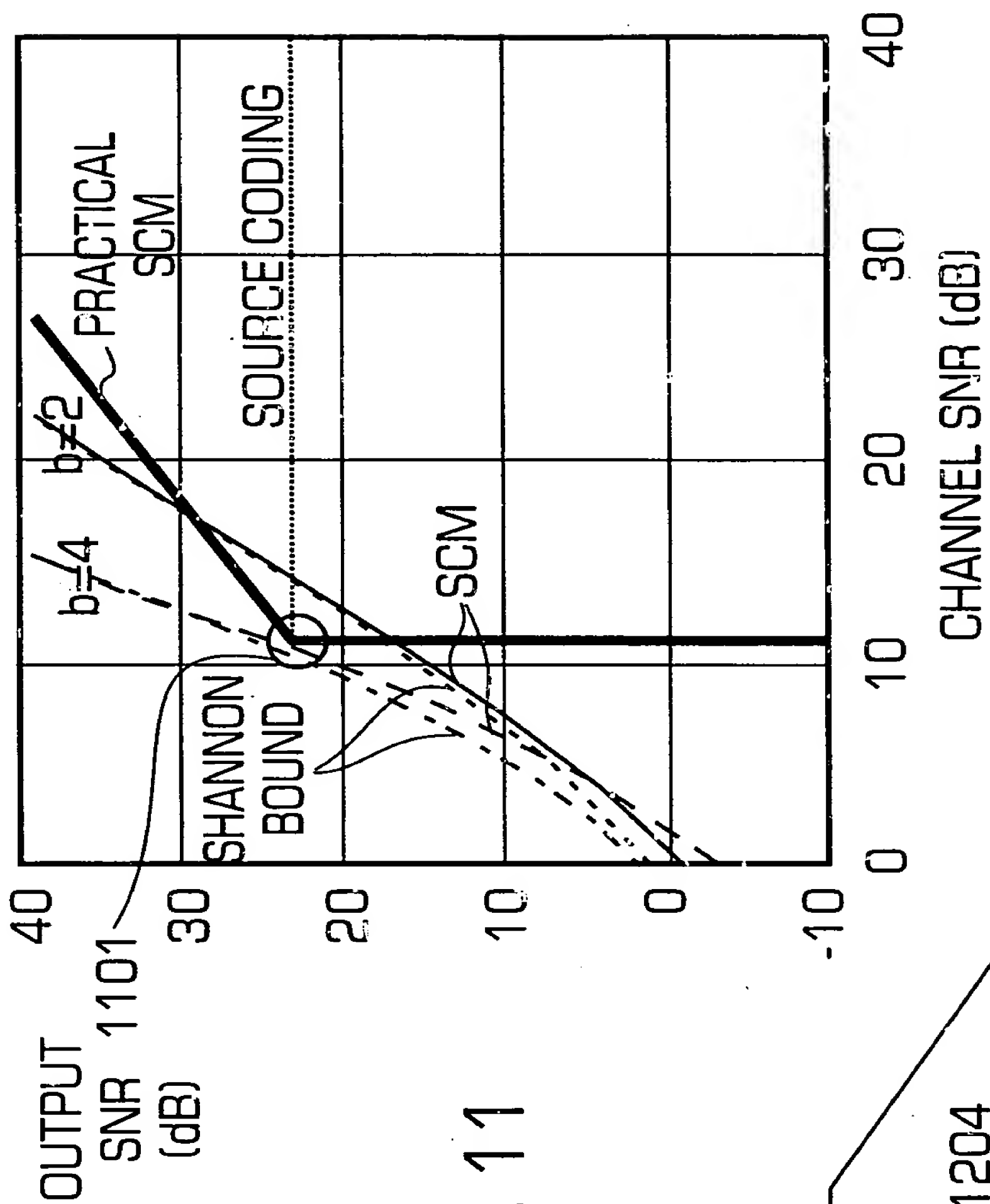


FIG. 11

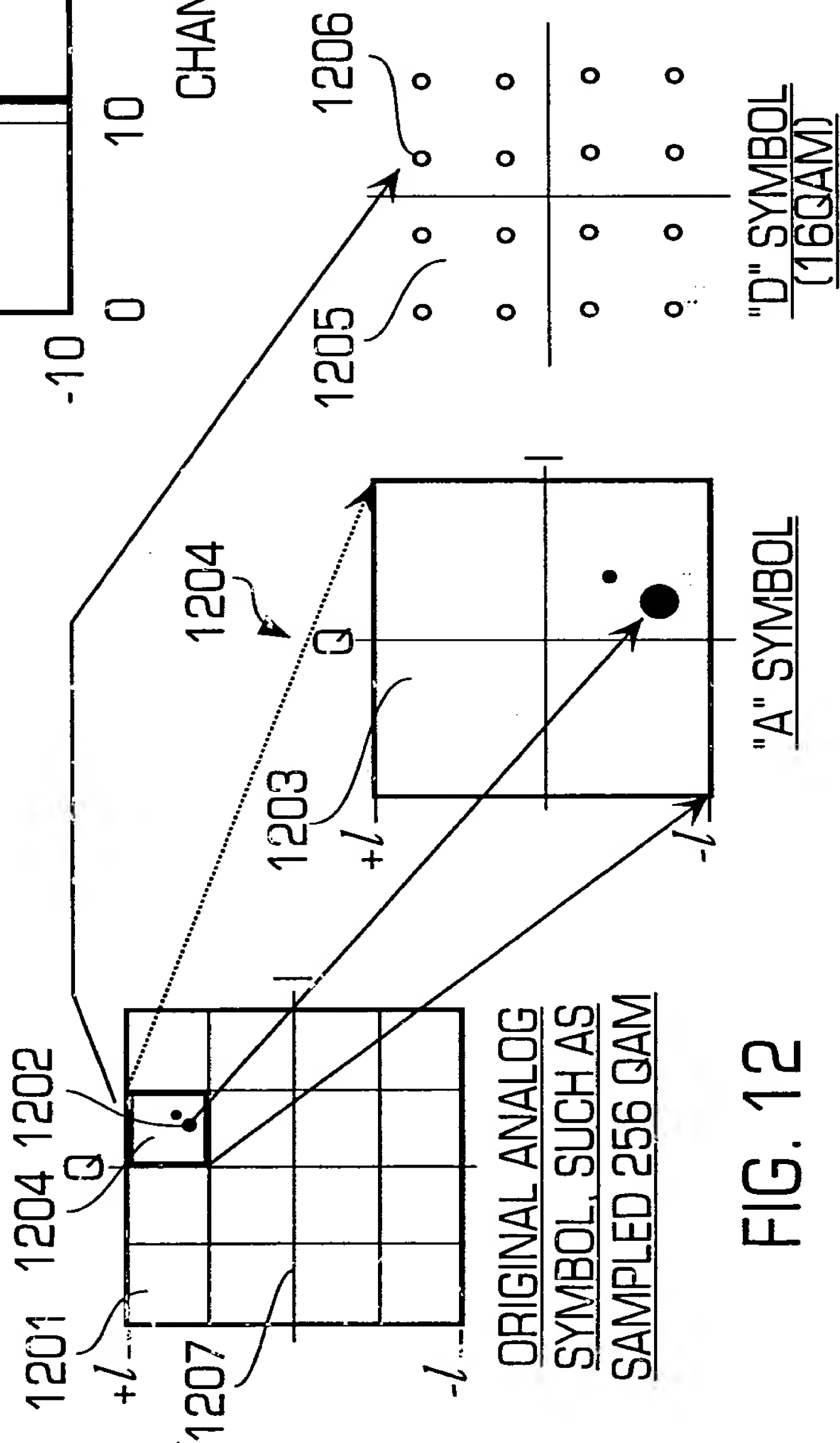


FIG. 12

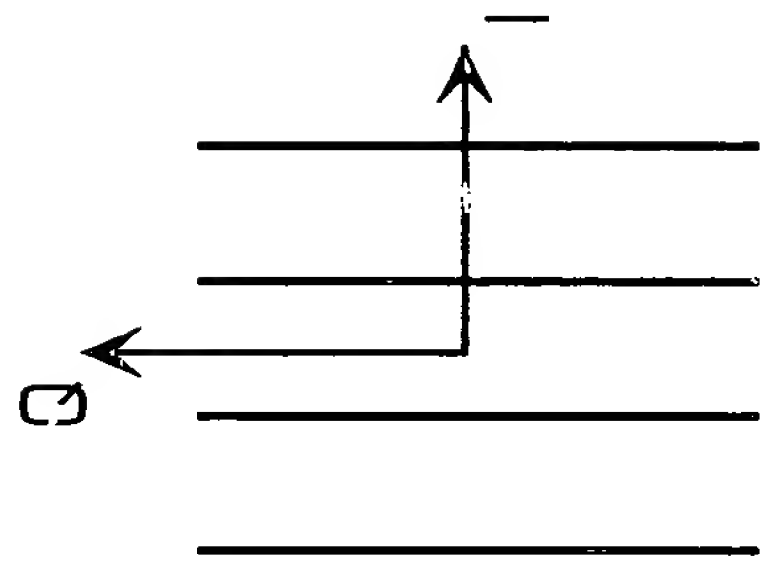


FIG. 13

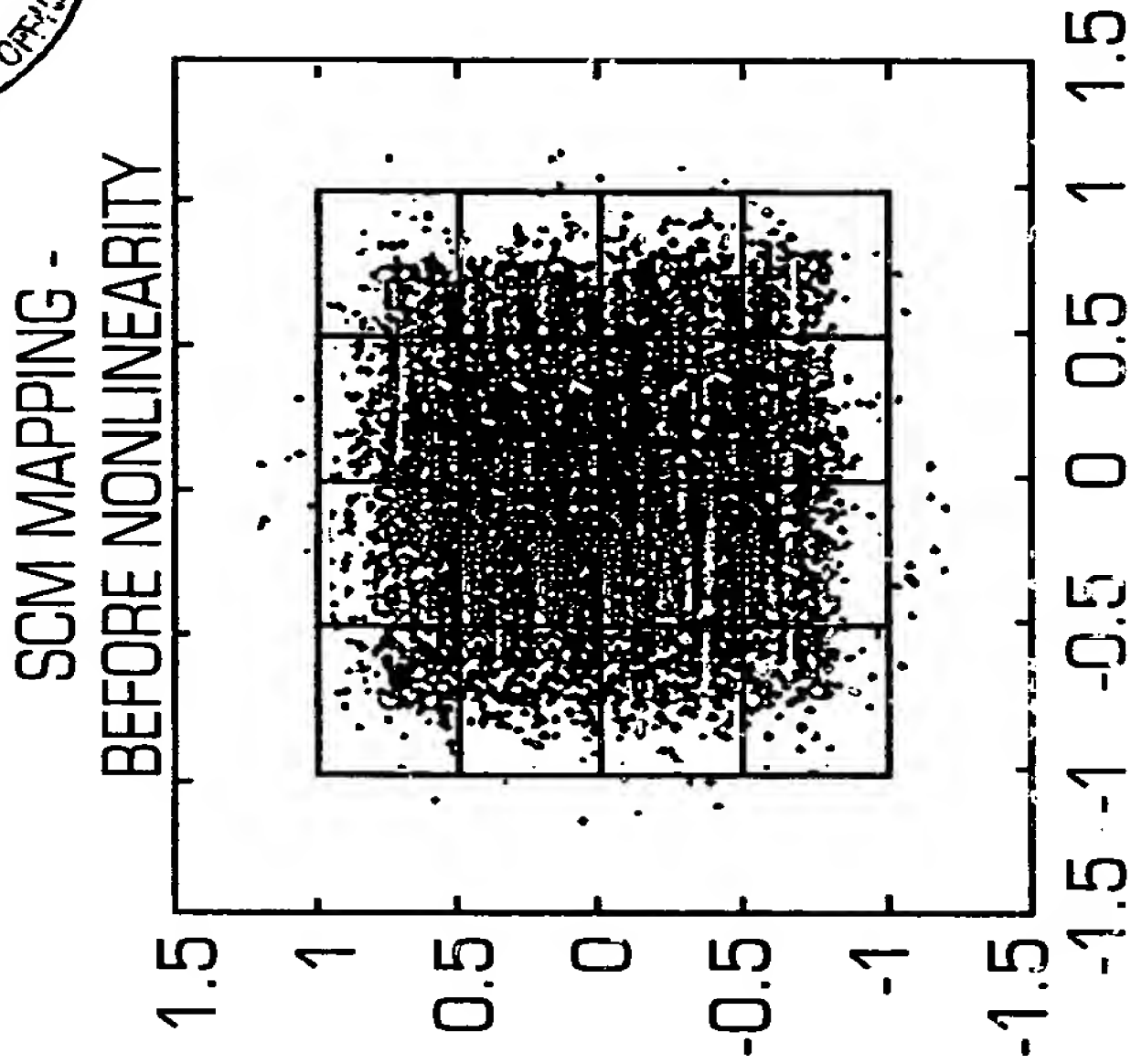


FIG. 17

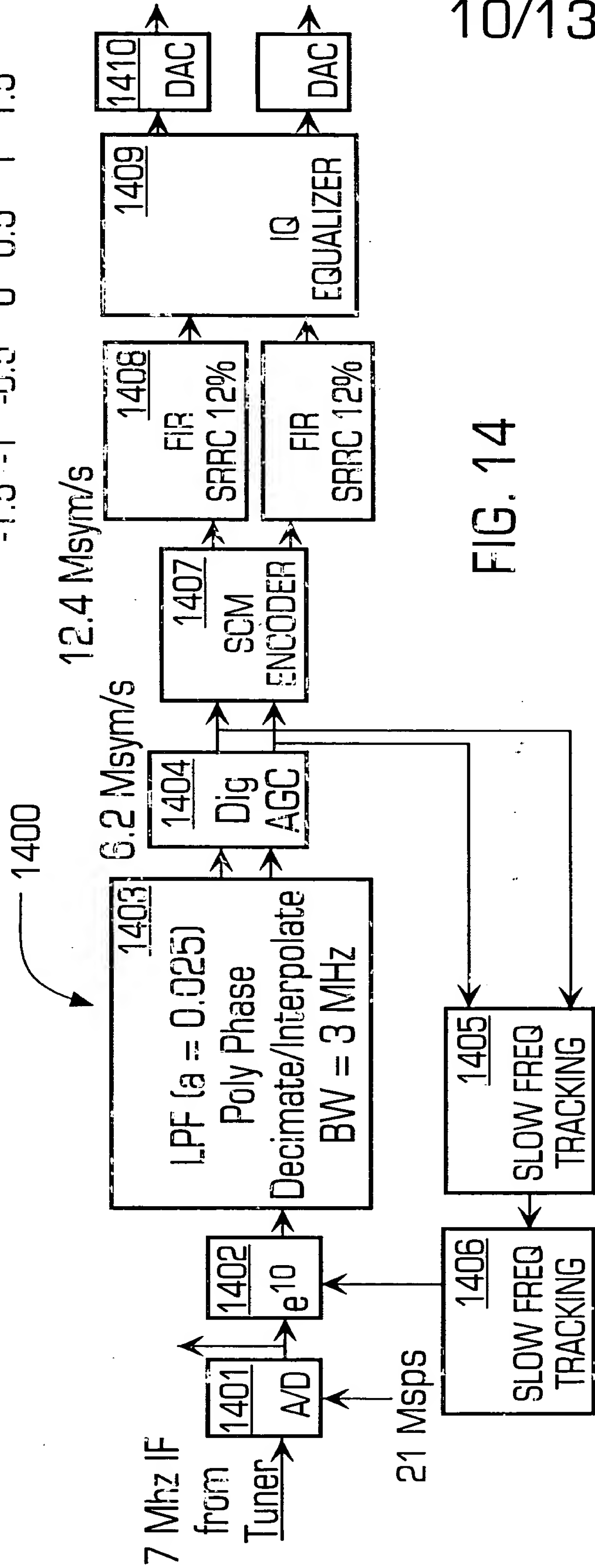


FIG. 14

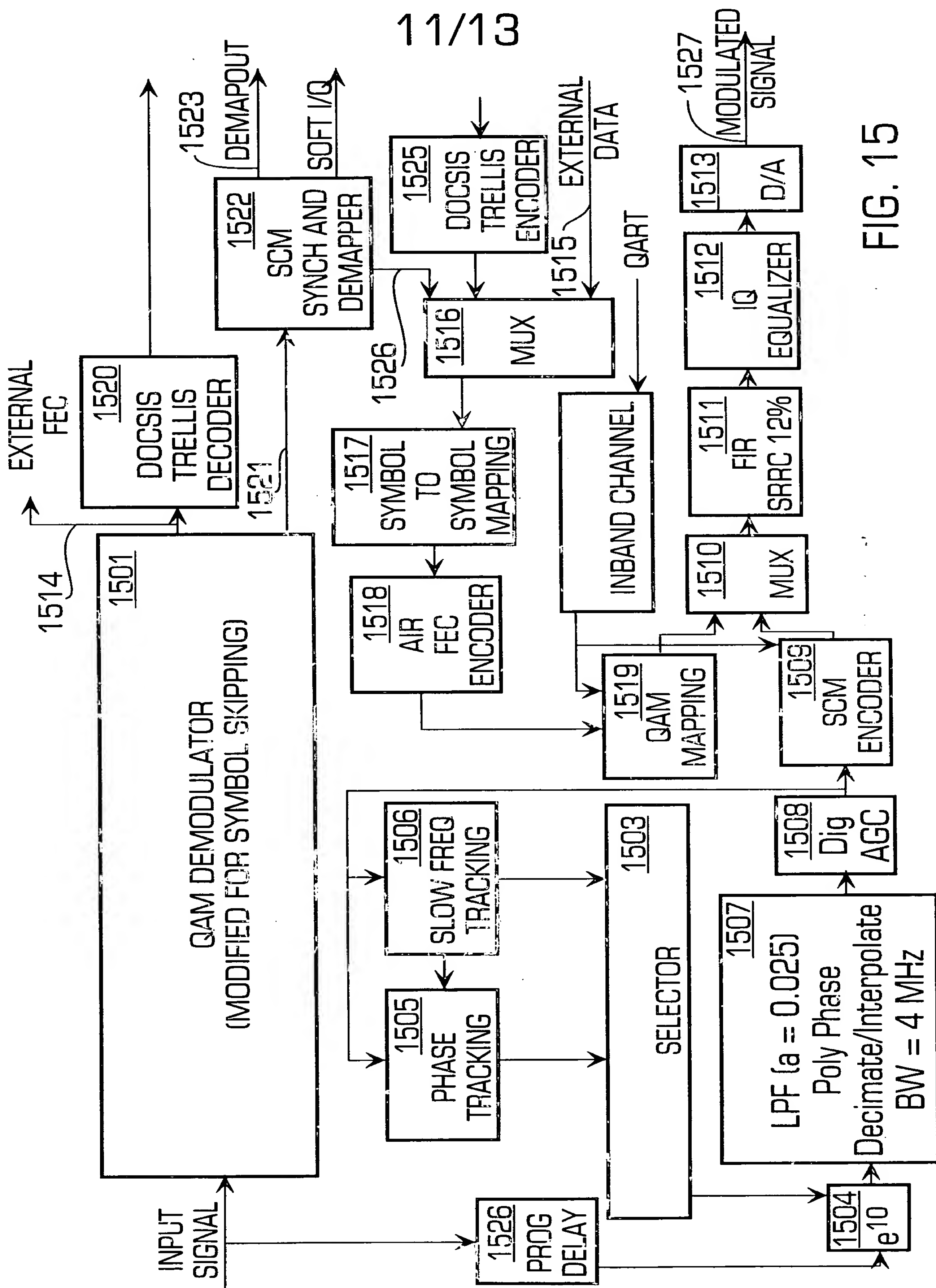


FIG. 15

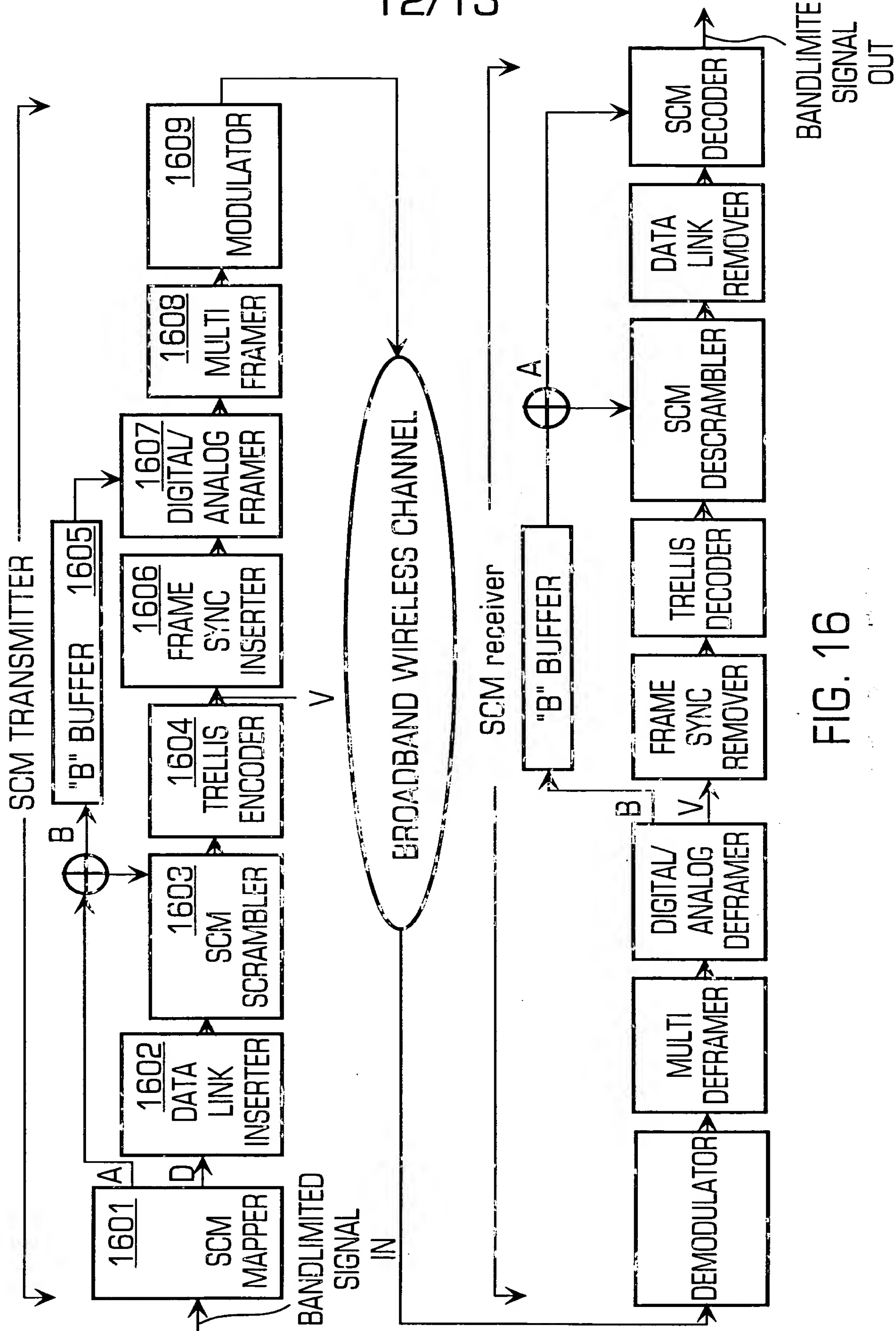


FIG. 16



13/13

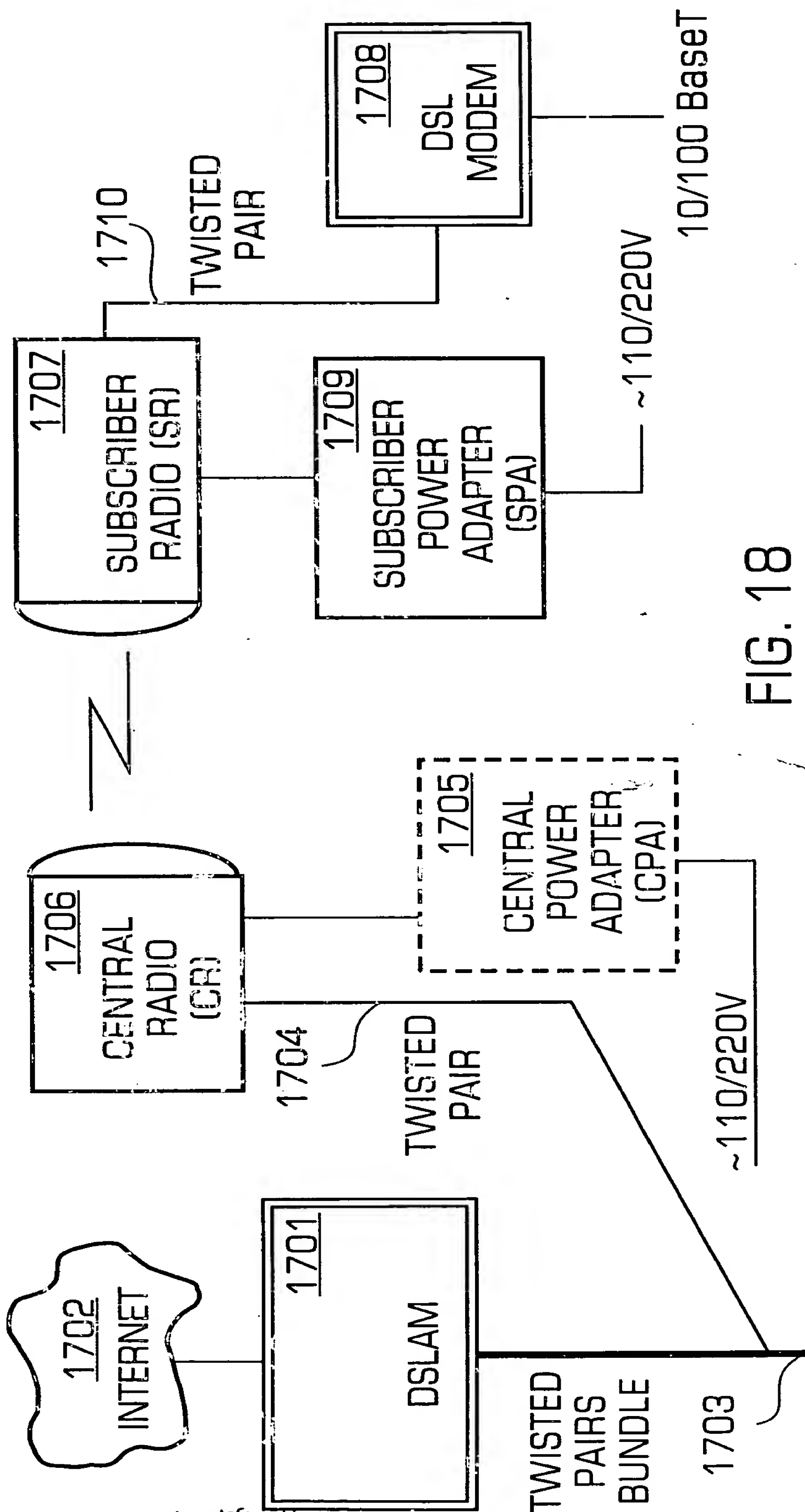


FIG. 18